

Amendments to the Abstract:

Please cancel the abstract and insert following:

ABSTRACT OF THE DISCLOSURE

~~Disclosed is a~~ A high density magnetic recording medium which has coercivity suitable to a magnetic record, fine grains, and a uniform grain size distribution, and which includes a FePtC alloy thin film containing an optimum carbon content, and a method of manufacturing the high density magnetic recording medium. The magnetic recording medium includes the FePtC alloy thin film containing 25 volume% carbon, thus having microscopic magnetic and structural properties suitable to the high density magnetic recording medium. ~~Additionally, the method of manufacturing the magnetic recording medium is characterized in that the method includes depositing the FePtC alloy thin film on a substrate at 400°C using a dc magnetron sputtering device through a simultaneous deposition process, the FePtC alloy thin film is deposited on the substrate for one hour, and the substrate is heat treated for one hour. Thereby, a storage density of an information storing substance is increased, a noise of the magnetic recording medium is reduced, and a manufacturing temperature of the FePtC alloy thin film is lowered.~~